

Maryam Abdul-Wahid

Location: Phoenix, AZ Email: maryamaw@yahoo.com Phone Number: 480.213.4678

SKILLS SUMMARY

Portfolio: maryamabdulwahid.com

UX Design: Designed a neighborhood library product, a pet adoption website, and an audio tour app. Conducted user research; created empathy maps, personas, user journey maps; developed wireframes, mockups, prototypes; & iterated on designs

Communication: Regularly provided task updates and ideas during daily, weekly, and skip-level team meetings. Drafted and created compelling emails and newsletter sections to promote Black employee resource group (ERG) events to members and employees company-wide.

Planning & Organizing: Worked with company executives and external marketing companies to plan & organize hospitality suites, workshops, & panel discussions at diversity engineering conferences. Created marketing materials and manage networking platforms.

Problem Solving: Worked in teams by collaborating and discussing new project development/customer requests and used the Agile methodology while working on projects. Utilized Unified Modeling Language (UML) models to capture the scope of the project. Research and reverse engineer existing solutions for possible ideas.

Software Development Life Cycle: Write low-level & high-level requirements for new and existing software. Develop simulators & graphical user interfaces for prototyping. Perform testing on targeted systems. Perform formal reviews for requirements & code.

EXPERIENCE

Learn Collaborate, Remote

June 2022-Present

UX Researcher & Designer (Volunteer)

- Creating detailed user flows and designing step-by-step wireframes for a project-based learning web application
- Conducted primary user research through competitive analysis and virtual interviews for the mentor aspect

Good Tree Institute, 501(c3), Tempe, Arizona

November 2021-Present

Technical Support (Part-Time)

- Improving UX design of website: redesigned homepage and program webpages using Weebly/Flipcause
- Developing a web application using HTML/CSS/JavaScript in Google AppScript for managing program participation

Honeywell Aerospace, Deer Valley, Arizona

Summer 2015; Summer 2016; June 2017-July 2021

Advanced Software Engineer in Integrated Flight Deck Systems (formerly an Intern, Software Engineer I, Software Engineer II)

- Updated a C++ tool that generates airport mapping data stored in an Oracle database that is used by a software product to calculate and display a taxiway path from the landing point to the destination point.
- Developed a software application prototype that expands touch functionality based on feedback from flight test pilots
- Wrote, reviewed, verified, and validated high-level and low-level software requirements for aircraft applications such as Electronic Checklist and Datalink functions
- Developed user interfaces in C# for interacting with Microsoft Access databases used for analysis on making aircrafts more electric and used for manipulating airport data

Honeywell Diversity & Inclusion

- Communications Chair of Honeywell Black Employees Network Arizona: Relaunched the chapter and increased membership to 150+; Campaigned town halls, workshops, and more across the company through email, newsletters and other platforms.
- National Society of Black Engineers Planning Committee: Planned and organized workshops, panels, and hospitality suite for annual conferences; Worked with vice presidents, directors, general counsels and more to support the events.

EDUCATION

Coursera

Google UX Design Professional Certificate

April 2022

The University of Arizona, College of Engineering and Honors College

Tucson, Arizona

M.S Electrical and Computer Engineering, Accelerated Program with Focus in Control Systems, GPA 3.8

May 2017

B.S. Electrical and Computer Engineering, Minor is Systems & Industrial Engineering, GPA 3.607

May 2016

SKILLS | CERTIFICATION | AWARDS

Portfolio: maryamabdulwahid.com

Skills: Figma, AdobeXD, Graphical User Interface (GUI) Design, HTML, CSS, JavaScript, Visual Studio, MATLAB, Simulink, Visio, C, C++, C#, SQL, Python, ArcGIS, Jira/Confluence, Oracle SQL Developer, Source Insight, IBM Rational Tools, Minitab, Git/Version Control

Certification: Google UX Design Certificate, Design for Six Sigma

Award: Go Beyond (Honeywell)